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THE GENERIC, SPECIFIC AND LOWER CATEGORY NAMES OF THE NEARCTIC BUTTERFLIES

PART 8 – *The Genus Agraulis*

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In presenting this genus, I have followed, without approval or disapproval, the name used for it by Dr. C. F. Dos Passos (1964, p. 97) since he is the latest author to treat this group. Many previous authors have considered that the type species of *Dione* and *Agraulis* were congeneric and *Dione* has previously enjoyed a popular usuage with the species *vanillae* although *Agraulis* had still earlier enjoyed wide acceptance with it.

In addition to *Dione* and *Agraulis, vanillae* has been associated by various authors with the genera *Papilio* Linnaeus, *Argynnis* Fabricius, and *Dryas* Hübner.

Fabricius, and *Dryas* Hübner.

The spellings for the specific names in this genus have been relatively free of errors that seem to typify the other genera of the subfamily Heliconiinae for the Nearctic area.

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LIST OF GENERIC NAMES USED OR AVAILABLE FOR AGRAULIS

AGRAULIS Boisduval and LeConte.
Type. vanillae (Linnaeus).
DIONE Hübner
Type. juno (Cramer).

AGRAULIS BOISDUVAL and LECONTE. [1833][1]. Hist. Gèn. Icon. Lèpid. Chen. l'Amer. Sept. 1(14): pl. 42; 1(16): 142-145. They included only "Agraulis Vanillae".

Type. P[apilio]. N[ymphalis]. [Phaleratus] vanillae Linnaeus. 1758. Syst. Nat. (10th. ed.). 1: 482, no. 144.

Type Selection. As Agraulis vanillae was the only species included in the genus by the authors, it became the type.

DIONE HÜBNER. [1819][2]. Verz. Bekann. Schmett. (2): 31, no. 4 He included only: "257. Dione Vanillae Linn..." and "258. D. Juno Cram..."

Type. Pap[ilio]. Helicon[ius]. juno Cramer. [1780][3]. Uitland. Kapellen. 3(24): 175. Described and figured earlier without a generic name on page 38, as Fig. B-C and on pl. 215, as figs. B-C in Pt. 18, [1779][3].

Type Selection. Scudder. [8 Apr.] 1875[4]. Proc Amer. Acad. Art Sci. 10: 157, no. 343. He said: "Juno may be taken as the type."

LIST OF SPECIES AND LOWER CATEGORY NAMES USED OR AVAILABLE FOR AGRAULIS

1. AGRAULIS VANILLAE (LINNAEUS).
   comstocki (Gunder).
   fumosus (Gunder).
   hewelettae (Gunder).
   incarnata (Riley).
   margineapertus (Gunder).
   nigrior Michener.
   passiflorae (Fabricius).
   vanillae (Linnaeus).

1. AGRAULIS VANILLAE (LINNAEUS).

comstocki, Dione vanillae Gunder. 5 Jan. 1925. Ent. News. 36(1): 5-6, no. 9; pl 1, fig. T. "Data: Holotype ♂... Monrovia, Los Angeles County, California, July 19, 1924."

fumosus, Dione vanillae Gunder. 4 May 1927. Ent. News. 38(5): 137, no. 9; pl. 2, fig. 9. "Data: Holotype ♀... Los Angeles, Los Angeles County, California, Sept. 15, 1910..."

hewelettae, Dione vanillae incarnata Gunder. 6 Jan. 1930. Bull. Brooklyn Ent. Soc. 24(5): 327-328; pl. 31, figs. 7. "Data: Holotype ♀... Ontario, Riverside Co., Calif. Taken in the summer of 1927..."

incarnata, D[ione]. vanillae N. F. Riley. Sept. 1926. Entomologist. 59(760): 243-244. "Habitat: Southern U. S. A. (Illinois, Texas, California and Florida, 9 ♂♂, 7 ♀♀, in B. M.); Mexico (10 ♂♂, 5 ♀♀, including types); Honduras, 1 ♀; Guatemala, 1 ♂, 2 ♀♀; Nicaragua, 4 ♂♂; Costa Rica, 3 ♂♂. The type ♂ and ♀ are from near Durango City, Mexico". No date data given.

margineapertus, Dione vanillae incarnata Gunder. 30 July 1928. Canad. Ent. 60(7): 163; pl. A, fig. 3. "Data: Holotype ♂ (fig. 3)... Los Angeles...[California], Mar. 29, 1927. In Author's coll. Two paratypes of similar immaculism also in Author's collection.

nigrior, Agraulis vanillae Michener. 31 Dec. 1942. Amer. Mus. Nov. (1215): 1-2 (in pt.), in no. 2 (in key); p. 7. "Holotype male: Upper Matecumbe Key, Florida, February 19, 1932...". "Allotype female: Indian River, Florida..." "Paratypes, all from Florida..." Paratypes from all months of the year except July, December and January are noted. "The holotype, allotype and a series of paratypes are in the collection of the American Museum of Natural History. Additional paratypes are in the collection of Mr. C. F. dos Passos and Cornell University."

passiflorae, P[apilio]. F[estivus]. Fabricius. [Between 28 Aug. and 31 Dec.] 1793.[5] Ent. Syst. 3(1): 60-61, no. 189. "Habitat in Passiflora coerulea, laurifolia Americes..." A new name for vanillae Linnaeus.

vanillae, P[apilio]. N[ymphalis]. [Phaleratus] Linnaeus. 1758. Syst. Nat. (10th. ed.). 1: 482, no. 144. "Habitat in Epidendro Vanilla Americes". No sex, series nor date data given. Fazzini. 1934. Butt. Moths Amer.: p. 8; fig. 21; gave name, in error, as Dione vanille.

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REFERENCES CITED

Dos Passos, C. F. 1964. A Synonymic List Of The Nearctic Rhopalocera. Lepid. Soc. Memoir (1): i-vi, 1-145.

FOOTNOTES

1. Dos Passos. 1959 [1960]. Jour. Lepid. Soc. 13(4): 212. Gave additional date data for the Hist. Gèn. Icon. Lèpid. Chen. l'Amer. Sept. by Boisduval and LeConte.

2. Hemming. 1958. Official List Works Approv. Avail Zool. Nomencl. (1): 4. Gave established dates for the Verz. Bekann. Schmett.

3. Hemming 1958. Official List Works Approv. Avail. Zool. Nomencl. (1): 9-10. Gave established dates for certain works of Cramer and Fabricius.

4. A copy of the work among the separates at the Allan Hancock Library (Univ. Sou. Calif.) (ex library, Boston Soc. Nat. Hist.) has the following printed label on the front wrapper: "Library of the Cambridge Entomological Club. Received April 8, 1875, by gift from the author."

5. The title page of Fabricius' Ent. Syst., vol. 3, pt. 1 is qualified by dates on pages [ii] and [488].